STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES AMENDED REPORT DIVISION OF OIL, GAS AND MINING															
APPLICATION FOR PERMIT TO DRILL										1. WELL NAME and NUMBER NBU 1021-28C4BS					
2. TYPE OF WORK DRILL NEW WELL REENTER P&A WELL DEEPEN WELL										3. FIELD OR WILDCAT NATURAL BUTTES					
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO										5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES					
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.										7. OPERATOR PHONE 720 929-6515					
8. ADDRESS OF OPERATOR										9. OPERATOR E-MAIL julie.jacobson@anadarko.com					
P.O. Box 173779, Denver, CO, 80217 10. MINERAL LEASE NUMBER 11. MINERAL OWNERSHIP										12. SURFACE OWNE		anadarko.	com		
(FEDERAL, INDIAN, OR STATE) ML 21329 FEDERAL INDIAN STATE FEE										FEDERAL INDIAN STATE FEE					
13. NAMI	E OF SURFACE	14. SURFACE OWNER PHONE (if box 12 = 'fee')													
15. ADDI	RESS OF SURF	16. SURFACE OWNER E-MAIL (if box 12 = 'fee')													
17. INDI	AN ALLOTTEE	OR TRIBE NAME		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS					19. SLANT						
(if box 12 = 'INDIAN')					YES (Submit Commingling Application) NO					VERTICAL DIRECTIONAL HORIZONTAL					
20. LOCATION OF WELL				FO	OTAGES	QTR-QTR		SECTION		TOWNSHIP	NSHIP R		NGE MERIDIA		
LOCATION AT SURFACE 173				30 FN	FNL 2213 FWL		SENW		28	10.0 S	21.0 E			S	
Top of Uppermost Producing Zone 833					FNL 2151 FWL		NENW		28	10.0 S	21.0 E		S		
At Total Depth 833				B1 FNI	FNL 2151 FWL		NENW		28	10.0 S	21.0 E		S		
21. COU	NTY	UINTAH		22. DISTANCE TO N		ST LEASE LINE (Feet)		et)	23. NUMBER OF ACRES IN DRILLING UNIT						
25. DISTANCE TO NEAREST (Applied For Drilling or Corn 16								SAME	POOL	26. PROPOSED DEPTH MD: 9555 TVD: 9399					
27. ELEV	ATION - GRO			28. BOND NUMBER					29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496						
5332 22013542 Hole, Casing, and Cement Informa											remmu #	43-0490			
String Hole Size Casing Size Length					Weight Grade & Thread Max Mud Wt.					Cement Sacks Yield Weight					
Surf	11	1 8.625 0 - 2190 28.0 J-55 L		&C 0.2		2		Type V		180 270	1.15	15.8			
Dund	7.875	7.875 4.5 0 - 9555 11.6		.6 I-80 Buttress		12.5		Dron	Class G Premium Lite High Strength			3.38	15.8 11.0		
Prod	7.675	4.5	0 - 9555	1	1.6 1-80 Butt	ress	12.	.5	Pren	50/50 Poz		280 1110	1.31	14.3	
		<u> </u>													
					A1	TTACH	IMENTS								
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES															
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER								COMPLETE DRILLING PLAN							
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)								✓ TOPOGRAPHICAL MAP							
	anielle Piernot		TLE Regulatory Analyst PHON			PHONE 720	720 929-6156								
SIGNATURE					ATE 03/11/2011		EMAIL danielle.piernot@anadarko.com								
43047515160000					APPROVAL					agill					
					Permit Manager										

T10S, R21E, S.L.B.&M. 889°41"W - 80.50 (G.L.O.) S89°43'43"W - 2658.68' (Meas.) S89°43'01"W - 2653.94' (Meas.) **Found 1977** Found 1977 Brass Cap, Brass Cap in Found 1977 pile of stones. pile of stones. Brass Cap, pile of stones. Bearings Bottom of (Meas.) Hole 2151' 2666.751 (Measured) N00°40'08"W - 2673.15' (Basis of 1/16 Cor. Not 1/16 Cor Not S89°45'28"W - 5307 79' (Meas.) Monumented Monumented 79.74 (G.L.O.) N00°52'39"W 22131 **WELL LOCATION:** NBU 1021-28C4BS N00°57"W - 80.78 (G.L.O.) Well Surface N00°44"W - 81.02 (G.L.O. ELEV. UNGRADED GROUND = 5332.31 Position S89°47'34"W - | 5302.96' (Meas.) Found 1977 Found 1977 79.68 | (G.L.O.) Brass Cap in Brass Cap in pile of stones. pile of stones. NBU 1021-28C4BS (Surface Position) (Meas. NAD 83 LATITUDE = 39.921203° (39° 55′ 16.332″) LONGITUDE = 109.558213° (109° 33' 29.568") NAD 27 LATITUDE = 39.921238° (39° 55' 16.456") LONGITUDE = 109.557526° (109° 33' 27.094") - 2674.08 1/16 Cor. Not 1/16 Cor Not S89°50'34"W - | 5297.98' (Meas.) Monumented Monumented 79.90 (G.L.O.) N00°53'25"W NBU 1021-28C4BS (Bottom Hole) NAD 83 LATITUDE = 39.923668° (39° 55' 25.206") LONGITUDE = 109.558487° (109° 33' 30.553") 27 LATITUDE = 39.923703° (39° 55' 25.330") LONGITUDE = 109.557800° (109° 33' 28.079" Found 1977 Brass Found 1977 Found 1977 Cap, pile of stones Brass Cap in Brass Cap in pile of stones. S89°53'12"W - 2646.99' (Meas.) pile of stones. S89°53'55"W - 2646.00' (Meas.) S89°51"W - 80.20 (G.L.O.) 1000 NOTES: 500 = Section Corners Located 1. Well footages are measured at right angles to the Section Lines. SCALE 2. G.L.O. distances are shown in feet or chains. SURVEYOR'S CERTIFICATE 1 chain = 66 feet. 3. The Bottom of hole bears N04°49'26"W 901.45' THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE from the Surface Position. 4. Bearings are based on Global Positioning Satellite observations. AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 5. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'. SISTRATION NO. 602869 Kerr-McGee Oil & Gas Onshore, LP 1099 18th Street - Denver, Colorado 80202 (435) 789-1365 **WELL PAD: NBU 1021-28F** TIMBERLINE ENGINEERING & LAND SURVEYING, INC. NBU 1021-28C4BS 209 NORTH 300 WEST - VERNAL, UTAH 84078 **WELL PLAT** DATE SURVEYED: CONSULTING, LLC SHEET NO: SURVEYED BY: M.S.B. 11-01-10 831' FNL, 2151' FWL (Bottom Hole) 2155 North Main Street DATE DRAWN: Sheridan WY 82801 DRAWN BY: B.M. NE $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 28, T10S, R21E, 11-05-10 Phone 307-674-0609 Date Last Revised: S.L.B.&M., UINTAH COUNTY, UTAH. SCALE: 1" = 10001 3 OF 16 Fax 307-674-0182 12-14-10 E.M.S